



DARLASTON URBAN DISTRICT COUNCIL.



# **Annual Report**

OF THE

**Medical Officer of Health**

FOR THE YEAR 1915,

BY

**VINCENT J. MACRANE,**

WITH SUPPLEMENTARY REPORT

BY THE

*SANITARY INSPECTOR,*

**JOSEPH S. BARKER.**

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DARLASTON :

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1916.

# Annual Report

OF THE

## MEDICAL OFFICER OF HEALTH

### FOR 1915.

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MR. CHAIRMAN AND GENTLEMEN,

I have pleasure in submitting for your consideration my Annual Report for the year 1915.

**Area**—913 Acres.

**Population** (estimated) 17,384.

Average number of persons per house—4·85.

#### **Births.**

The Births numbered 532, viz : Males 272, Females 260, giving a birth-rate of 30·60 per 1000 of the population, compared with 579 and a rate of 32·71 in 1914 and 32·88 in 1913.

13 Illegitimate Births were registered as compared with 20 in 1914, giving rates of 2·44 and 3·45 respectively.

## Deaths.

The Deaths registered were 305, viz : 166 Males and 139 Females.

Forty-one Deaths (twelve more than last year) were registered as having died outside the district.

Local death-rate 15 19. Corrected nett death rate 17·54 as compared with 14·41 and 16·05 in 1914.

The following are particulars of Deaths in Public Institutions or other places outside the district.

Barr Hall	...	...	1
Lichfield Mental Hospital			5
Walsall Infirmary	...		13
Wolverhampton General	...		8
Walsall General...	...		7
Dover Hospital...	...		1
Andover	...	...	1
Kingswinford Infirmary	...		3
Sedgley U. D.	...	...	1
Wednesbury U. C.	...	...	1
Total	...		<hr/> 41 <hr/>

## Infantile Mortality.

The number of Deaths under 1 year was 79, as compared with 83 for 1914.

The percentage of Deaths to total Deaths was 25 90 compared with 29·22 in 1914 and 25·13 in 1913. To Births registered 14·85 compared with 14·33 in 1914 and 14·41 in 1913.

## Zymotic Diseases.

The Deaths from Zymotic Diseases numbered 28 compared with 31 in 1914.

The death-rate per 1000 of the population was 1·6 compared with 1·7 in 1914.

The percentage of Deaths from Zymotic Diseases to the total deaths for 1915 was 9·18, compared with 10·9 in 1914.

### **Health Visitor.**

The duties have been carried on through the Nursing Institute.

### **Measles.**

Ten Deaths were notified as compared with no deaths in 1914 and 19 in 1913.

### **Scarlet Fever.**

Fifteen cases were notified (no deaths), compared with 6 cases and no deaths in 1914.

The number of cases and deaths since 1906 are as follows :—

		Notifications.	Deaths.
1906	...	27	0
1907	...	102	6
1908	...	65	1
1909	...	120	10
1910	...	65	6
1911	...	11	0
1912	...	27	1
1913	...	28	1
1914	...	6	0
1915	...	15	0

The ages of persons who contracted the disease were :

1 and under 5 years	...	1
5     ,,     15   ,,	...	14
		<hr/>
		15
		<hr/>

### **Enteric Fever.**

One case was notified. This occurred in the Central Ward. The patient was removed to the Isolation Hospital, but terminated rapidly. The linen, clothes, etc., were taken to the Steam Disinfector, the rooms sprayed and disinfected, and every precaution taken, with the result that no further cases appeared in the neighbourhood.

The following is a list of cases notified in previous years :

Years.	Cases.
1905	30
1906	17
1907	11
1908	4
1909	3
1910	3
1911	9
1912	7
1913	2
1914	2

### **Diarrhœa (including Enteritis).**

This disease was responsible for 14 deaths, 8 of which were infants under 1 year, 5 between one and five years, and one was an adult.

The proportion of deaths to 1000 deaths is 45·90, compared with 73·94 in 1914 and 101·31 in 1913.

The percentage of deaths of children under 1 year to total deaths of children under one year is 10·12, compared with 15·66 in 1914 and 20·48 in 1913.

The deaths in previous years were :—

Years		Total Deaths	Deaths of Infants under 1 year
1907	...	19	11
1908	...	29	23
1909	...	15	10
1910	...	12	7
1911	...	31	17
1912	...	6	4
1913	...	31	17
1914	...	21	13

Early in the summer, as is my custom, the usual notices were issued, warning parents and those in charge of children that Diarrhœa was an epidemic disease, frequently carried by flies, and advising that all milk and food should be covered up and kept in a cool place.

### **Diphtheria and Membranous Croup.**

Five cases were reported, of which one proved fatal, compared with four cases and two deaths in 1914.

### **Whooping Cough.**

Two deaths occurred as compared with seven in 1914 and two in 1913.

### **Epidemic Influenza.**

Three deaths occurred as compared with five in 1914 and three in 1913.

## Respiratory Diseases.

DEATHS—Bronchitis ... ..	31
Pneumonia (all forms)	47
Other diseases of res- piratory organs...	3
	<hr/>
	81
	<hr/>

Compared with 63 in 1914.

The proportion of deaths to 1000 deaths was 265·57 compared with 214·78 in 1914 and 239·39 in 1913.

The death-rate per 1000 of the population .

Bronchitis	1·78
Pneumonia	2·70

## Phthisis (Pulmonary Tuberculosis).

This disease accounted for 13 deaths, compared with 23 in 1914 and 21 in 1913.

The proportion to 1000 deaths for this and previous years is :—

1915	...	42·62
1914	...	80·98
1913	...	63·63
1912	...	53·51
1911	...	85·71
1910	...	65·63
1909	...	45·73
1908	...	47·92
1907	...	68·53

The death-rate per 1000 of the population was 75 compared with 1·29 in 1914 and 1·19 in 1913.

Fifty one cases were reported during the year as compared with 48 in 1914.

Under the head of other forms of Tuberculosis, 7 notifications were received, compared with 10 in 1914.

The Staffordshire, Wolverhampton and Dudley Joint Committee have established a Dispensary in Wednesbury, where patients are seen twice a week by the Tuberculosis Officer, and the Phthisis Sanatorium at Moorcroft, near Moxley, is available for male patients

By an arrangement with the Registrar all fatal cases are immediately notified, and steps taken to disinfect the houses affected.

### **Cancer.**

Fifteen deaths were registered from this cause, compared with 17 in 1914 and 18 in 1913.

### **Inquests.**

The following inquests were held, the verdicts being :

3 Natural Causes.

3 Accidental Deaths.

### **Excrement and Refuse Disposal.**

All refuse is removed by the Council's own men acting under a foreman. Covered carts are used to convey the refuse to tips

It is to be hoped that the near future will see the installation of a suitable Destructor for the incineration of all garbage.

There are now 2952 water closets in use in the district, and a total of 3254 houses connected to the public sewers.

### **Sewage Disposal.**

The conversion of the present works is temporarily postponed.



## **Water Supply.**

The district is served with a continuous supply of good water from the South Staffordshire Water Works Co.

Wells are not in use.

## **Housing and Town Planning**

Systematic inspections as required by the Housing Act have been carried out in various quarters of the town, and a number of alterations and works of repair carried out to dilapidated property.

The following table gives an account of work done.

Total number of houses inspected	...	176
Houses thoroughly repaired	...	30
Houses closed (Sec. 17)	...	8
Total demolished	...	12
Houses under repair	...	9
Still under notice	...	78

During the year 7 closing orders have been issued, 5 demolition orders and 2 orders determining closing orders. The subject is fully dealt with in your Sanitary Inspector's Report. During the year 50 dwelling houses of a good type have been erected, and letting at an average rental of 5/9 per week. They have 1 living room, 1 kitchen and 3 bedrooms.

## **Isolation Hospital.**

This building, situated in Heath Road, is used for the reception of cases of Enteric Fever.

The accommodation consists of 8 rooms with 14 beds. There is no permanent staff, but temporary nurses are appointed when necessary. It has always been clean and in good order on all my visits. 2 cases have been admitted during the year, 1 of Enteric which terminated within 7 days from admittance and 1 of Scarlet Fever. In the latter instance the accommodation at

home was totally inadequate and it was deemed advisable to remove to the hospital.

### **Dairies and Cowsheds.**

There are 8 cowkeepers and 26 purveyors of milk in the district. The sheds were found to be well kept, but several were reported as needing structural repairs and alterations.

### **Slaughterhouses.**

There are 10 slaughterhouses, 4 licensed and 6 registered. Frequent visits have been paid to these premises, also to butchers' shops and places where meat and foods were exposed for sale.

### **Vaccination.**

This is practically a 'dead letter' owing to the increased number of 'conscientious objectors.'

### **Surveyor's Department.**

During the year satisfactory progress has been made in the erection of dwelling houses of a type suitable to the requirements of the working classes. A large number of extensions have been made to the various works in the district.

### **Factories and Workshops.**

Nut and Bolt making is the staple trade, but in addition there are Constructional Engineers, who turn out heavy work, such as Railway Station Roofs, Bridges, etc. There are also Galvanizers, Tube makers, Stampers, Latch makers, Engineers--for making bolt and nut machinery, etc ; Saw mills, Joiners and Builders, Motor Car Frame makers and 1 Steam Laundry.

Trade, especially since August, has been very brisk, some of the factories working day and night.

The following list comprises the trades carried on in workshops :

Nut and Bolt making	Sugar Boilers
Gun Locks	Watch Repairers
Dressmaking	Printers
Millinery	Basket Makers
Boot and Shoe Repairing	Stone Masons
Shoeing Blacksmiths	Picture Framers
Joiners and Carpenters	Pattern Makers
Wheelwrights & Coachmakers	Cooper
Rope making	Maltsters
Saddlers	Stampers
File Cutting	Plumbing
Tailors	Bakers

1 notice has been received from H.M. Inspector as to defects remediable under the Public Health Act. Attention has been given to same. 157 visits have been paid to workshops and 31 re-visits. 20 notices have been issued of which 17 have received attention.

In conclusion I have to thank your Surveyor and your Inspector for their valuable help during the year.

I remain, Mr. Chairman and Gentlemen,

Yours faithfully,

VINCENT J. MAGRANE,

Medical Officer of Health.

# Annual Report

## OF THE

# SANITARY INSPECTOR.

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MR. CHAIRMAN AND GENTLEMEN,

I have the honour to lay before the Council, this my fourth Annual Report, which, although of necessity somewhat behind its predecessors in point of work achieved, shows that progress in the various branches of Sanitary work which has characterized previous reports.

Several special reports on the various phases of the work of the department have been presented to the Committee during the year which have received attention and it is hoped will bear fruit in the near future. The question of the removal of manure from the precincts of dwellings, and the reconstruction of the pits still remains to be dealt with. These receptacles which in their present form are undrained, uncovered and of large capacity, form the favourite breeding grounds for the house fly, the disseminator of so many of our known diseases. It is of paramount importance if a continued improvement is to be shown in our health statistics that these breeding places should be removed or undergo some structural alterations, and the contents removed at short intervals.

In connection with my duties under the Housing and Town Planning Act, I have to report that during the year 176 houses have been inspected, as compared with 153 in 1914. The dwellings were mostly in the Catherine's Cross and Green Wards.

The duties of the office in addition to the keeping of the various books and records have considerably increased, especially in the way of correspondence. An increase in the number of complaints reported indicates that the public is becoming more alive to sanitary requirements than formerly, although it is to be

regretted that this enlightenment is not reflected in the condition of yards and outbuildings. The occupiers in many cases do not realize that there is any obligation to keep the walls and ceilings, etc. of these latter places clean and wholesome, unless occasionally reminded of the fact, and there is ample scope for a considerable portion of one's time in this direction alone. However, an improvement is gradually being effected as a result of periodical inspection.

## Excrement and Refuse Disposal.

**Table 1.**

MONTH.	No. of Bins Emptied	No. of Ashpits Emptied	No. of Middens Emptied	No. of Cisterns Emptied	Loads of Ashes	Loads of Night Soil	Loads from DUMBWELLS
Jan. 1 to 20 ...	5023	43	3	24	242	3	54
„ 21 to Feb. 13	6952	52	7	18	314	11	36
Feb. 15 to Mar. 20	9132	94	10	39	438	25	86
Mar. 22 to Apr. 17	7323	55	7	25	330	17	45
Apr. 19 to May 15	7460	79	15	31	363	17	63
May 17 to June 19	9515	138	7	29	479	5	58
June 21 to July 17	7664	66	26	43	320	33	79
July 19 to Aug. 21	10402	76	12	28	449	19	50
Aug. 23 to Sep. 22	8600	88	9	26	423	13	54
Sep. 23 to Oct. 16	7094	57	8	29	300	11	69
Oct. 18 to Nov. 20	9959	81	6	50	436	12	102
Nov. 22 to Dec. 31	12395	70	7	31	512	10	87
Totals 1915 ..	101522	909	117	380	4606	176	783
Totals 1914 ..	102821	955	254	367	4311	406	654
Totals 1913 ...	71001	1130	440	388	4388	445	438
Totals 1912 ..	50331	1119	502	351	4183	488	177
Totals 1911 ...	39673	1447	789	485	4309	571	166

Two teams are now engaged in this work, covered carts being used to convey the refuse to tips situated within the district. The refuse is practically all of a dry nature. Sanitary galvanized iron dust bins are in general use and but few open ashpits remain. The receptacles are emptied weekly, the work being carried out during the day time.

The cost of this work for the year ending December 31st works out at  $3/7\frac{1}{2}$ d per house. This figure includes the following items :—wages, tradesman's accounts and repairs to carts, harness, etc., stables and stables account and depreciation.

### Returns for 1915 and previous years.

Year.	Population.	Houses.	Total Cost	Cost per house.
1911	17107	—	£635/0/5	3/7
1912	17363	3502	£650/19/3	3/8½
1913	17517	3535	£624/11/10	3/6½
1914	17700	3550	£556/7/0	3/1¼
1915	17384	3585	£650/1/2	3/7½

The figure given is higher than the previous year, and is due to the increased cost of labour and rise in price of materials.

Table 2.

Table showing the number of houses in the district and total number of Conversions made, and W.C.'s provided during the year 1915, and compared with the five previous years.

Columns 1 to 4 include 50 new houses erected and 15 demolished or closed and unoccupied at year ended Dec. 31st, 1915.

WARD.	Back to Back	Single Houses	Through Houses	Total Houses	Middens Abolished or	Cisterns or Vaults Abolished	Total Abolished	Clean Water Closets	Number of Houses Affected.
Catherine's Cross ... ..	48	107	871	1026	4	—	4	4 19 (new)	4 19
Central ... ..	23	109	584	716	2	—	2	3 1 (new)	4 1
The Green ... ..	12	98	821	931	1	1	2	2 24 (new)	3 24
All Saints' ... ..	—	57	855	912	3	—	3	8 (works) 3 (new) 6 (works)	2 (works) 3 6 1 (works)
Total 1915 ... ..	83	371	3131	3585	10	1	11	12 50 (new) 14 (works) 120 46 (new) 49 (works)	14 50 (new) 3 (works) 194
" 1914 ... ..	83	384	3083	3550	97	18	115		
" 1913 ... ..	—	453	3082	3535	157	28	185	237	290
" 1912 ... ..	—	458	3044	3502	211	14	225	260	367
" 1911 ... ..	—	—	—	—	145	90	235	255	387
" 1910 ... ..	—	—	—	—	144	51	213	226	368



## Housing and Town Planning.

House to house inspections have been carried out in the various wards as heretofore, a total of 176 dwellings having been inspected, of which number 120 were found to require structural alterations and repairs. Details will be found set out in Table 3. During the year 7 closing orders have been issued and 5 demolition orders. Of these 5 have been taken down, 2 are yet to be taken down, and 1 is still occupied. 2 Determining orders have been issued, the property having been placed in habitable repair.

The following are particulars of these properties on which

(a) **Closing Orders have been issued—**

Wolverhampton street, 135	1 single type.
Cramphill, 31	1 „ „
St. George's street, Ct 1, house 13.	1 „ „
Walsall road, 350, 352.	2 through houses.
Foster street, Ct 7, houses 1 and 2,	2 single type

(b) **Demolition Orders have been issued—**

Cramphill, Court 6, houses 1, 2, 3.	3 single type, demolished.
Victoria road, 10.	1 single, occupied.
Cramphill, 31.	1 single, void.

(c) **Orders Determining Closing Orders have been issued—**

Two Arches, Bentley lane.	2 through houses, repaired.
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19 cases of overcrowding have been reported and dealt with, these being chiefly cases of overcrowding with regard to sex

**Table 3.**

*Houses Repaired and made Habitable, or otherwise dealt with under the Housing and Town Planning Act.*

Situation of Premises.	No. of Houses	No. made Habitable	No. Closed	No. Demolished	No. under Repair	No. still under Notice	
The Leys, 7 to 10 ...	6					6	Not completed
Foster St., 67, 68, 69 and Ct. 7, h's 1 & 2	5			2		3	Closing Orders 1913
Dangerfield lane, 6 & 7	2		2				Unfit for habitation
Bush street, 19 to 28 ...	10					10	Specification 65 to 68
Cramphill, Court 6	3			3			Closing Orders 9/6/14
Church street, 30 to 35	2			2			Street improvement
Bush street, Ct. 1, 1 & 2	2	2					Specification
Victoria road, 10, 11, 12	3		1			2	One closed
Cramphill, Court 8 ...	2			2			By request
Catherine's Cross							
Court 7, house 3 ..	1					1	Reported unfit
Wolverhampton st., 135	1		1				Closed 11/5/15
Cramphill, 31	1		1				Closed 2/2/15 [2/2/15
Walsall road, 350, 352	2			2			Demolition not complete
Two Arches, Bentley	2	2					Closed 25/8/14
St. George's street,							
Court 1, house 13 ..	1		1				Closed 4/5/15
Short street, 4 and 5	2	2					Notified
Station street, 1 to 12	12					12	Specification 87
Bilston street, 49 & 50	2	2					Notieed
Smith street, 5, 6, 7 ...	3					3	Specification 80
Catherine's Cross							
Court 8, Nos. 1 & 2	2	2					Reported for closure
Factory street, Court 1	6	4				2	Specification 82
Cramphill, 55, 56, 57	3	3					" 83
Park road, 7 to 10, and back ..	6	6					Folio 425
Willenhall st, Ct. 5 ...	7	7					Specification 90
Dale End, Court 2 ...	2		2				Closed 4/2/13
W'hall road, 29 35 & 39	6					6	Specification 92
Catherine's cross, 66-75	10					10	" 93
Moxley, Court 1	5				5		" 95
Wolverhampton lane,							" 96
97 to 105 ...	5					5	
Mill street, 3 to 17 ..	8					8	" 98
Catherine's cross							
Court 5 and 95 ..	3					3	" 99
Ditto	2				2		" 100
Bush street, 8 to 12 ...	5				2	3	" 2/3
Willenhall road, 4 to 10	4					4	" 4/2
Blockall ... ..	1			1			
	137	30	8	12	9	78	

### Factories and Workshops.

There are now 108 workshops, including 12 bakehouses now on the Register. A number of these are little used. A detailed list of trades carried on will be found set out.

157 Visits have been made to inspect these premises, including 31 re-visits respecting defects notified.

One notice has been received from H.M. Inspector re sanitary defects remediable under the P.H.A., and one re occupation of a workshop.

#### List of Trades carried on in the district.

Nut and Bolt Making	...	21
Gun Locks	...	13
Dressmaking	...	15
Boots and Shoes	...	8
Blacksmiths	...	6
Millinery	...	5
Joiners and Carpenters	...	4
Bakehouses	...	12
Others	...	24
Total	...	108

Table 4.

## Factories and Workshops. Statement of Defects.

NATURE OF COMPLAINT.	No. of Notices	REMARKS.	Received Attention.	Out-standing.
<i>Factories—</i> Improperly kept ... .. Insanitary Conveniences (Privies) ... ..	1 1	Water Closets Provided Still under notice ... ..	1	1
<i>Workshops—</i> Cleansing of Bakehouses ... .. Bakehouse unfit for occupation ... .. Insanitary conditions... .. Inadequate Sanitary Accommodation Cleansing of Workshops .. ..	3 1 3 1 10	Amended ... .. Closed ... .. Amended .. .. Under notice ... .. Amended ... ..	3 1 2 — 10	1 1 1 —
Total number of Defects ... ..	20	Abated ... ..	17	3

## **Slaughterhouses, Meat and Foods.**

The number of slaughterhouses on the register remains as hitherto, 6 registered and 4 licensed, the latter annually

The licensed premises are well constructed and maintained, conveniently situated, and provided with satisfactory lairage accommodation.

The registered premises are, almost without exception, badly placed, being in close proximity to dwellings. The slaughterhouses however, are well maintained and in fairly good structural condition. The various butcher's shops and stalls have been frequently visited.

The following articles of food have been condemned as unfit for human consumption :—

2 pigs (Swine Erysipelas and Tuberculosis.)

310 lbs. of meat.

Quantity of fish and fruit.

## **Dairies, Cowsheds and Milkshops.**

2 cowkeepers have been taken off the register, thus leaving 8 cowkeepers in the district

2 of the existing sheds have been unfavourably reported upon as regards their structural condition, inadequate lighting insufficient ventilation, and defective drainage, etc. The question of bringing these premises up to a satisfactory standard is receiving attention. In two instances the attention of cowkeepers was called to animals which were developing into an emaciated condition. The animals were ultimately disposed of.

I had occasion during the year to note the condition of several bovine animals travelling along the highway, obviously in an advanced stage of Tuberculosis. They were followed for several miles, the Police and inspector for the district informed, and the animals secured. They were examined the following day and found to be badly affected.

Owing to the fact that the Tuberculosis Order of 1913 had been suspended no immediate action could be taken.

## **Isolation Hospital.**

Two cases of Infectious disease have been admitted to the Hospital during the year. Of these one case of Enteric died within six days from admittance. The other was a case of Scarlet, the accommodation at home not being sufficient to properly isolate the patient.

## **Infectious Disease.**

Particulars as to notifications will be found set out in Table 2 at the end of the Report.

During the period covered by the Report 13 deaths have been notified by the Registrar, and the premises have been thoroughly disinfected and sprayed.

An arrangement has been entered into with the neighbouring district of Wednesbury, for the disinfection of bedding, etc., by Steam Disinfector. This Disinfector is within very easy access, being only a few hundred yards removed from our boundary.

## **Canal Boats.**

32 Visits have been made along the Canal to inspect Registered Boats, and two Registered Boats have been examined. No infringements of the Acts and Regulations were reported.

I remain,

Mr. Chairman and Gentlemen,

Yours respectfully,

JOSEPH S. BARKER, M.S.I.A.,

Assoc. Royl San. Inst.,

Certified Meat and Foods Inspector.

**Table 1.**  
Vital Statistics of Whole District during 1915 and previous years.

YEAR	Popula- tion est- imated to middle each year	BIRTHS.			Total Deaths reg- istered in the district		Transferable Deaths.		Net deaths belonging to the district.		
		Un- corrected Number	Number	Rate	Number	Rate	Of Non- residents registered in the district	Of Resi- dents not registered in the district	Under one year.	At all ages.	Rate
1910	16000	0	561	35.25	259	16.18	0	16	83	275	17.18
1911	17107	0	575	33.60	293	17.13	0	22	100	315	18.42
1912	17363	552	555	31.96	277	15.95	0	22	80	299	17.22
1913	17517	570	576	32.88	306	17.47	0	24	83	330	18.83
1914	17700	577	579	32.71	255	14.41	0	29	83	284	16.05
1915	17384	531	532	30.60	264	15.19	0	41	79	305	17.54

**Table 2.**

*Cases of Infectious Disease notified during the year 1915.*

NOTIFIABLE DISEASE.	No. of Cases Notified.							Total Cases Notified in each Locality				
	AT ALL AGES	AT AGES—YEARS.						The Cross	The Central	The Green	All Saints'	Total cases removed to hospital
		Under 1 year	1 and under 5	5 and under 15	15 and under 25	25 and under 45	45 and under 65					
Diphtheria (including Membranous Croup	5	0	1	4	0	0	0	2	0	3	0	0
Erysipelas	9	0	1	0	0	4	4	3	2	3	1	0
Scarlet Fever	15	0	1	14	0	0	0	4	2	7	2	0
Enteric Fever	1	0	0	0	1	0	0	0	1	0	0	1
Pulmonary Tuberculosis	51	0	1	18	11	14	7	18	11	11	11	0
Other forms of Tuberculosis	7	2	0	3	0	1	1	1	1	4	1	0
Totals	88	2	4	39	12	19	12	28	17	28	15	1



Table 3.

Causes of, and Ages at, Death during the year 1915.

CAUSES OF DEATH.										Net Deaths at the subjoined ages of "Residents" whether occurring within or without the District.							
										AT ALL AGES	Under 1 year	1 and 2 under 5	5 and 15	15 and 25	25 and 45	45 and 65 under 65	65 and upwards
Enteric Fever	...	...	...	...	...	...	...	...	...	1	2	6	1	1	1		
Measles	...	...	...	...	...	...	...	...	...	10	1						
Whooping Cough	...	...	...	...	...	...	...	...	...	2	1		1				
Diphtheria and Croup	...	...	...	...	...	...	...	...	...	1			1				
Influenza	...	...	...	...	...	...	...	...	...	3						3	
Erysipelas	...	...	...	...	...	...	...	...	...	1						1	
Phthisis (Pulmonary Tuberculosis)	...	...	...	...	...	...	...	...	...	13		2		1	6	4	
Tuberculous Meningitis	...	...	...	...	...	...	...	...	...	2		1	1				
Other Tuberculous Diseases	...	...	...	...	...	...	...	...	...	7	3		2				
Cancer, malignant disease	...	...	...	...	...	...	...	...	...	15	1		1	1	2	8	3
Meningitis	...	...	...	...	...	...	...	...	...	4	1		1			1	
Organic Heart Disease	...	...	...	...	...	...	...	...	...	34	6	1			6	11	16
Bronchitis	...	...	...	...	...	...	...	...	...	31	18	10	7	2	2	7	15
Pneumonia (all forms)	...	...	...	...	...	...	...	...	...	47	1			1	2	3	4
Other diseases of respiratory organs	...	...	...	...	...	...	...	...	...	3	8	3	2		1		
Diarrhoea and Enteritis	...	...	...	...	...	...	...	...	...	14							
Nephritis and Bright's Disease	...	...	...	...	...	...	...	...	...	3							
Other accidents and diseases of	...	...	...	...	...	...	...	...	...								
Pregnancy and Parturition	...	...	...	...	...	...	...	...	...	1					1	1	2
Congenital Debility and Malformation, including Premature Birth	...	...	...	...	...	...	...	...	...						1		
Violent Deaths, excluding Suicide	...	...	...	...	...	...	...	...	...	33	2		1	1	2	1	
Suicide	...	...	...	...	...	...	...	...	...	8							
Other defined Diseases	...	...	...	...	...	...	...	...	...	1	6	3	1	2	9	13	35
Totals	...	...	...	...	...	...	...	...	...	305	79	28	17	10	33	55	75

**Table 4.**  
*Infant Mortality during the year 1915. Net deaths from stated causes at various ages under 1 year of age.*

Cause of Death.		Under 1 week	1-2 weeks.	2-3 weeks	3-4 weeks	Total under 4 weeks	4 and under 3 months	3 months and under 6 months	6 months and under 9 months	9 months and under 12 months	Total deaths under 1 year
Measles	..	0	0	0	0	0	0	0	1	1	2
Whooping Cough	...	0	0	0	0	0	0	1	0	0	1
Other Tuberculous Diseases	...	0	0	0	0	0	0	0	1	2	3
Meningitis (not Tuberculous)		0	0	0	0	0	0	0	1	0	1
Convulsions		1	0	1	0	2	0	0	0	0	2
Bronchitis	..	0	0	1	0	1	1	2	1	1	6
Pneumonia (all forms)	..	0	0	0	0	0	0	8	3	7	18
Enteritis	..	0	0	0	0	0	2	2	2	0	6
Gastritis	..	0	0	0	0	0	0	2	0	0	2
Premature Birth	...	8	0	1	1	10	1	1	0	0	12
Atrophy, Debility & Marasmus	...	4	0	2	2	8	7	5	1	0	21
Other Causes	..	2	0	0	0	2	1	1	0	1	5
Totals	..	15	0	5	3	23	12	22	10	12	79

**Table 5.**

*Summary of Sanitary Work done in the Sanitary Inspector's Department during the year 1915.*

	Number of		Abatement Notices		Nuisances Abated after Notice by	
	Inspections and Observations made.	Defects found	Informal by Inspector	Formal by Authority	Inspector.	Authority.
Dwelling-houses and Schools	...	247	175	15	176	15
	Foul conditions	...	241	7	221	7
	Structural Defects	...	18	3	14	3
	Overcrowding	...	946	3	15	3
	Unfit for Habitation	...	24	0	24	0
	Dairies and Milkshops	...	28	1	14	0
	Cowsheds	...	24	2	17	2
	Bakehouses	...	23	5	18	5
	Slaughterhouses	...	0	0	0	0
	Canal Boats	...	103	5	95	5
	Ashpits and Privies	...	37	4	37	4
	Deposits of Refuse & Manure	...	45	12	29	8
	Water Closets	...	1	0	1	0
House Drainage	Defective Traps	...	0	0	0	0
	No Disconnection	...	99	0	78	0
	Other Faults	...	2	2	0	2
	Water Supply	...	14	0	14	0
	Pigsties	...	19	2	14	2
	Animals improperly kept	...	0	0	0	0
	Offensive Trades	...	21	0	12	0
	Other ' nuisances	...	2283	612	780	56
	Totals	...	1853	61	780	56

**Table 6.**

YEAR	Population estimated to middle of each year.	Births Registered	Deaths at all ages	Deaths under 1 year
1901	15'411	610	349	128
1902	15'474	633	327	129
1903	15'538	605	297	89
1904	15'602	665	351	131
1905	15'666	592	317	130
1906	15'730	625	356	117
1907	15'794	646	321	117
1908	15'852	644	313	129
1909	15'916	593	328	108
1910	16 000	561	275	83
1911	17'107	575	315	100
1912	17'363	555	299	80
1913	17'517	576	330	83
1914	17'700	579	284	83
Average for years 1901 1914	16'191	604	319	107
1915	17'384	532	305	79

**Table 7.**

*Showing deaths of Children and Death Rates of  
Children to 1000 Deaths for 1915 and  
10 preceding years.*

YEAR.	Deaths under 1 year	Deaths of children under 1 year per 1000 of total deaths	Deaths of children of 1 and under 5 years.	Deaths of children of 1 and under 5 years per 1000 of total deaths
1905	130	410.09	43	135.64
1906	117	328.65	48	134.83
1907	117	364.48	45	140.18
1908	129	412.14	36	115.01
1909	108	329.26	77	234.75
1910	83	320.46	23	88.80
1911	100	317.46	31	98.41
1912	80	260.86	56	187.29
1913	83	251.51	70	212.12
1914	83	292.25	30	105.63
Average for 10 years	103	328.72	46	145.27
1915	79	259.02	45	147.54

**Table 8.**  
*Showing Deaths from principal Zymotic Diseases in 6 years, 1910 to 1915.*

DISEASE.	1910	1911	1912	1913	1914	1915	Annual Average of six years.
Smallpox	0	0	0	0	0	0	0
Measles	0	6	26	19	0	10	10·67
Scarlet Fever ...	6	0	1	1	0	0	1·33
Diphtheria and Membranous Croup	2	0	1	1	2	1	1·17
Whooping Cough	6	2	11	2	7	2	5·00
Typhus	0	0	0	0	0	0	0
Fevers {	0	3	2	0	1	1	1·17
Enteric	0	0	0	0	0	0	0
Continued	12	31	6	31	21	14	19·17
Diarrhoea	...	...	...	...	...	...	...
Totals	26	42	47	54	31	28	...

Table 9.

*Percentage of Deaths from subjoined causes in 10 Years (1905-1914) of children under 1 year to total deaths of children under 1 year as compared with 1915.*

YEAR.	Total Number of Deaths under 1 year	Congenital Debility and Premature Birth	Diarrhoea including Epidemic Enteritis	Diarrhoea including Epidemic and Gastro En- teritis and Enteritis	Bronchitis and Pneumonia	Tuberculosis Diseases Marasmus & Wasting Diseases	Convulsions
1905	130	27.69	8.46	8.46	16.92	28.46	3.84
1906	177	17.09	16.24	16.24	14.53	29.91	5.12
1907	177	28.20	10.25	10.25	24.79	23.93	3.41
1908	129	22.48	17.82	17.82	17.05	21.70	3.87
1909	108	30.54	9.25	10.18	18.15	23.14	2.77
1910	83	21.68	8.43	9.69	16.86	18.07	2.40
1911	100	22.00	13.00	18.00	20.00	22.00	5.00
1912	80	21.24	3.33	5.00	41.25	22.50	1.25
1913	83	14.46	18.07	20.48	25.30	31.33	1.20
1914	83	31.33	15.66	15.66	16.87	22.89	4.82
Average for 10 years	115	23.67	12.05	13.18	21.17	24.39	3.37
1915	79	13.92	7.59	10.13	30.38	15.19	2.53

